

CONTROLLED CONTACT AREA

BAY STATE "KOOLIE HAT"

**REINFORCED
RAISED HUB
WHEEL**



The area outside of dotted line on laboratory-tested wheel illustrates the important Controlled Contact Area.

**Built-in CONTACT CONTROL grinds, cuts, blends
EASIER · SAFER · FASTER
on standard and high-speed portable grinders**

The shape of Bay State's new "Koolie Hat" raised hub wheel automatically controls the amount of wheel surface in contact with the work at any time. This eliminates jitter and bounce as well as gouging, burning and shattering due to excessive pressure, excessive wheel drag and improper

wheel wear. It enables the operator to work at an easy, relaxed angle and so removes one of the major causes of accidents by cutting operator fatigue. Triple-layer, resin-bonded fiberglass construction gives these new wheels extra strength and durability, too.



This hub wheel is ideal for . . .

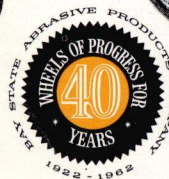
Weld grinding and blending — light *and* heavy.
Smoothing flame-cut edges.
Chamfering plate before butt welding.
Scale removal and surfacing of flat surfaces.
Corner work . . . and grinding in all hard-to-reach areas.
Flashing removal and other foundry cleaning.
External (convex) radius grinding.

On all these materials!

Steel welds.
Stainless steel welds.
Seams in large alloy castings.
Rough cut pipe ends.
Inconel and clad steel weldments.
Iron, brass, bronze, aluminum and monel castings.
Scale on hot-rolled steel slabs.
Auto body windshield and window stampings.
Inconel 502 weldments,
S Monel #15c, etc.

AVAILABLE FROM STOCK IN 2 GRADES . . .

R-GRADE for standard grinders
U-GRADE for higher speed grinders



BAY STATE'S FAMOUS "KOOLIE HAT" WHEEL



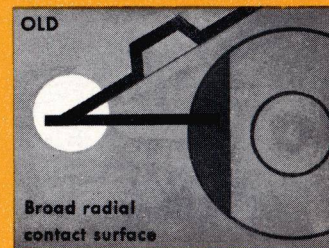
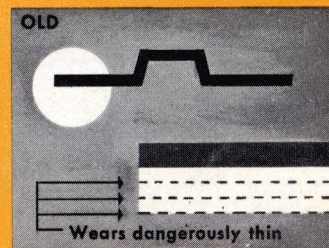
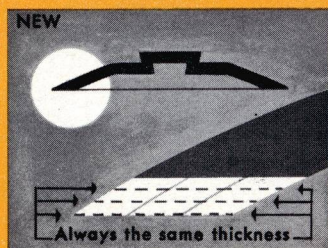
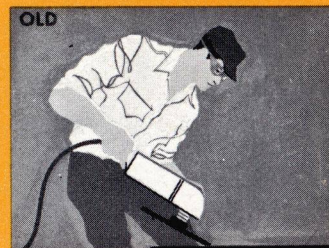
sets new standards for cutting, grinding, blending...

Easier Operation "Koolie Hat" wheel is held at 4° to 5° angle to horizontal instead of 25° to 30°... requires less pressure to hold grinder steady... virtually eliminates jitter and bounce due to excessive contact-area between wheel and work. Operator grinds in relaxed position instead of the tense, uncomfortable position necessary to exert pressure with flat wheels. Operator fatigue is greatly reduced... accident rate goes down... production climbs.

Extra Safety "Koolie Hat" shape ensures uniform wear of both layers of abrasive at once... even when wheel is held

flat for smoothing and cleaning. This eliminates danger that results when ordinary, flat wheels wear thin over entire surface, one layer at a time until wheel becomes so thin that it shatters.

More Uniform Speed "Koolie Hat" shape ensures that only the edge of the wheel is in contact with the work. This narrow radial contact surface means that wheel speed stays high, ensures fast, efficient removal of metal and reduces danger of breakage due to heat build-up from wheel drag (caused by excessive contact surface of flat wheels).



R-Grade for Standard Grinders Recommended for extremely fast cutting action and good life on grinders with speeds up to 5,200 r.p.m. (Specification: A-24R-BFK)

NEW U-Grade for Higher Speed Grinders Designed specially for maximum effectiveness on high-speed, air-driven or electric portable grinders operating at 5,200 r.p.m. or more, Bay State's U-Grade "Koolie Hat" wheels provide the same cutting speed, ease of operation and safety as the popular R-Grade... plus up to 30% longer life on all materials. (Specification: A-24U-BFK)

BOTH R AND U GRADES AVAILABLE FROM STOCK IN 7" x 1/4" x 7/8" and 9" x 1/4" x 7/8" SIZES

Write or call your BAY STATE distributor today for **FREE DEMONSTRATION**

Bay State Abrasive Products Company Westboro, Mass., U. S. A.

BRANCH OFFICES: Chicago, Cleveland, Detroit, Pittsburgh, Los Angeles